



ZANJAN UREA & AMMONIA



Hamian Sanat Energy Group

Document Title: Sub-Vendor List for Refrigerator Package

Rev.: 01

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Sub-Vendor List for Refrigerator Package

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|---|---|----|----|----|----|----|
| Code1 | <input type="checkbox"/> Code 1: Approved No comment and the document is released for Manufacturing. | | | | | |
| Code2 | <input type="checkbox"/> Code 2: Approved with Minor Comments VENDOR shall correct, revise and resubmit the document. The document can be released for Manufacturing if changes incorporated. | | | | | |
| Code3 | <input type="checkbox"/> Code 3: Commented VENDOR shall correct, revise and resubmit the document by the date specified. The document shall be revised under the Status of "R: Revised Issue". All corrected documents shall be resubmitted before starting the Manufacturing Process. | | | | | |
| Code4 | <input type="checkbox"/> Code 4: Not Accepted (Rejected) VENDOR shall re-work/re-design/re-specify the contents of the documents according to the comments/ reasons for rejection. All corrected documents shall be resubmitted before starting the Manufacturing Process. In this case, VENDOR shall not proceed with subsequent work until receiving Code 1 or Code 2 or No Code from CONTRACTOR/OWNER. VENDOR shall re-submit the documents with the same revision within (10) ten working days (including transmission/ mailing time) after receiving the commented documents from CONTRACTOR/OWNER. | | | | | |
| NO Code | <input type="checkbox"/> NO Code (Only for "FOR INFORMATION" Documents and "As Built DWGs") Document has been submitted for CONTRACTOR's Information (FI). Consistency, completeness and correctness of document content is Vendor's responsibility. | | | | | |
| Above checking results by PPC shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing. | | | | | | |
| Date: Dept: Signature: | | | | | | |
| Only for internal review | | | | | | |
| CV | PC | PI | EL | IN | ME | MA |
| ST | DC | AR | PR | SA | HV | TL |

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| 01 | 15.06.2024 | F | IFA | N.M. | M.A. | F.T. | A.M. |
| 00 | 30.05.2023 | F | IFA | N.M. | M.A. | F.T. | A.M. |
| Rev. | Date | Status | Purpose of Issue | PRE'D | CHC'D | APP'D | AUT'D |



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| POS | DECSRIPTION | LIST OF SUPPLIERS | ORIGIN |
|-----|------------------------------------|--|--------------------------------|
| 1 | OIL FLOODED SCREW COMPRESSOR | MYCOM | JAPAN |
| 2 | Manual Valves | METTALLUM, VIMEC, MYCOM STD AVL, Other NPC AVL | BELGIUM/ITALY/Iran |
| 3 | Medium Voltage MOTOR | HELMKE/Schorch/VEM/WEG | GERMANY/BRAZIL |
| 4 | Low Voltage Motor | HELMKE/Schorch/VEM/WEG | GERMANY/BRAZIL |
| 5 | LUBE OIL PUMPS | MYCOM | JAPAN |
| 6 | MAIN COUPLING | FLENDER/REXNORD | GERMANY/USA |
| 7 | VESSELS | MYCOM for Compressor Skid, Hamoon Rah, other MOP AVL | BELGIUM/ITALY/ UAE/ Iran |
| 8 | HEAT EXCHANGER SHELL AND TUBE | MYCOM for compressor skid, Hamoon Rah, other MOP AVL | BELGIUM/ITALY/ UAE/ Iran |
| 9 | SAFETY VALVE | TECHNICAL, AST, LESSER,HAZAVE, other NPC AVL | ITALY/GERMANY/ IRAN |
| 10 | FILTER | TM FILTERS, MYCOM | NETHERLANDS |
| 11 | OIL HEATER | FATI, ELMESS | ITALY, Germany |
| 12 | FINE FILTER ELEMENT | TM FILTER,MYCOM | NETHERLANDS, Japan |
| 14 | CONTROL & ON/OFF VALVE | AKO, PETROLVALVES, SESTO VALVES, KG, RMT AND other NPC AVL | GERMANY/ITALY/ITALY/ITALY/IRAN |
| 15 | Oil Pump COUPLING | FLENDER, REXNORD | GERMANY/USA |
| 16 | LEVEL GAUGES | WIKA, ABB, ENDRES, YOKOGAWA, other MOP AVL | GERMANY |
| 19 | SOLENOID VALVE | ASCO, BIFOLD | USA/UK |
| 21 | Pressure Gauge | WIKA, ABB, ENDRES, SCHEMIERER, YOKOGAWA, other MOP AVL | GERMANY |
| 22 | LEVEL INDICATOR, LEVEL TRANSMITTER | WIKA, ABB, ENDRES, YOKOGAWA, EMKOMETER, other NPC AVL | GERMANY |
| 23 | PRESSURE DIFF. TRANSMITTER | WIKA, ABB, ENDRES, YOKOGAWA, other NPC AVL | GERMANY |



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|----|---------------------------|---|---|
| 24 | PRESSURE TRANSMITTER | WIKA, ABB, ENDRES, YOKOGAWA, other NPC AVL | GERMANY |
| 26 | SENSOR THERMOWELL ASSY | WIKA, ABB, ENDRES, YOKOGAWA, other NPC AVL | GERMANY |
| 27 | TEMPERATURE TRANSMITTER | WIKA, ABB, ENDRES, YOKOGAWA, other NPC AVL | GERMANY |
| 28 | TEMPERATURE INDICATOR | WIKA, ABB, ENDRES, YOKOGAWA, other MNP AVL | GERMANY |
| 29 | THERMOWELL | WIKA, MOORE, MINCO | GERMANY/USA/USA |
| 30 | PLC | SIEMENSE | GERMANY |
| 31 | Coupling Guard | NASH, BERG, MYCOM STD SVL | UAE/UAE |
| 32 | JUNCTION BOX | CORTEM, Mashin Sazi Shomal, STAHL | ITALY, Iran |
| 33 | CABLE GLAND | CMP/Hawke, other Local NPC Manufactures | USA/UK/Iran |
| 34 | CABLE | Policabos, Batt Cable, Leoni Kerpen, Draka, Cavacel, other Local NPC Manufactures | POTUGAL/UK/GERMANY/GERMANY/ ITALY/Iran |
| 35 | LCP | Mashin SAZI Shomal, CORTEM, STAHL | IRAN/ITALY/GERMANY |
| 36 | Strainer and Cone Element | METTALLUM, Hammon Rah, other Local NPC Manufactures | BELGIUM/Iran |
| 37 | REFIGERANT OIL | BVA, CPI | USA |
| 39 | Earthing Cable | DUCAB / NEXAN / DRAKA, other Local MOP Manufactures | UAE/FRANCE/GERMANY/ Iran |
| 40 | Tubing | FITOK, DK LOK, CENTRAVIS, SANDVIK | GERMANY/KOREA/UKRAINE/CZECH |

**** Note: This list is subjected to modification considering Local Manufacturing requirement of SAMT ministry, however, client approval will be granted accordingly.**